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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/998,833

DATE: 01/28/2002

TIME: 16:45:26

Input Set : N:\Crf3\RULE60\09998833.raw

Output Set: N:\CRF3\01282002\I998833.raw

1 <110> APPLICANT: THORPE, PHILIP E.
 2 RAN, SOPHIA
 3 <120> TITLE OF INVENTION: CANCER TREATMENT METHODS USING ANTIBODIES TO
 4 AMINOPHOSPHOLIPIDS
 5 <130> FILE REFERENCE: 4001.002200
 6 <140> CURRENT APPLICATION NUMBER: 09/998,833
 7 <141> CURRENT FILING DATE: 2001-11-30
 9 <150> PRIOR APPLICATION NUMBER: US/09/351,543
 10 <151> PRIOR FILING DATE: 1999-07-12
 13 <160> NUMBER OF SEQ ID NOS: 5
 14 <170> SOFTWARE: PatentIn Ver. 2.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 2149
 18 <212> TYPE: DNA
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 23 aaaattttta aatttttagaa caaagctaac aaatggctag ttttctatga ttcttcttca 180
 24 aacgctttct ttgaggggga aagagtcaaa caaacaagca gttttacctg aaataaagaa 240
 25 ctagttttag aggtcagaag aaaggagcaa gttttgcgag aggcacggaa ggagtgtgct 300
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 32 aatgcagttc agaaccacac ggctaccatg ctggagatag gaaccagcct cctctctcag 720
 33 actgcagagc agaccagaaa gctgacagat gttgagaccc aggtactaaa tcaaacttct 780
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66      20          25          30
67      Tyr Asn Arg Ile Gln His Gly Gln Cys Ala Tyr Thr Phe Ile Leu Pro
68      35          40          45
69      Glu His Asp Gly Asn Cys Arg Glu Ser Thr Thr Asp Gln Tyr Asn Thr
70      50          55          60
71      Asn Ala Leu Gln Arg Asp Ala Pro His Val Glu Pro Asp Phe Ser Ser
72      65          70          75          80
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75      Leu Gln Lys Leu Glu Asn Tyr Ile Val Glu Asn Met Lys Ser Glu Met
76      100         105         110
77      Ala Gln Ile Gln Gln Asn Ala Val Gln Asn His Thr Ala Thr Met Leu
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79      Glu Ile Gly Thr Ser Leu Leu Ser Gln Thr Ala Glu Gln Thr Arg Lys
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81      Leu Thr Asp Val Glu Thr Gln Val Leu Asn Gln Thr Ser Arg Leu Glu
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83      Ile Gln Leu Leu Glu Asn Ser Leu Ser Thr Tyr Lys Leu Glu Lys Gln
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87      Leu Leu Glu His Lys Ile Leu Glu Met Glu Gly Lys His Lys Glu Glu
88      195         200         205
89      Leu Asp Thr Leu Lys Glu Glu Lys Glu Asn Leu Gln Gly Leu Val Thr
90      210         215         220
91      Arg Gln Thr Tyr Ile Ile Gln Glu Leu Glu Lys Gln Leu Asn Arg Ala
92      225         230         235         240
93      Thr Thr Asn Asn Ser Val Leu Gln Lys Gln Gln Leu Glu Leu Met Asp
94      245         250         255
95      Thr Val His Asn Leu Val Asn Leu Cys Thr Lys Glu Gly Val Leu Leu
96      260         265         270
97      Lys Gly Gly Lys Arg Glu Glu Glu Lys Pro Phe Arg Asp Cys Ala Asp

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101 Asn Asn Met Pro Glu Pro Lys Lys Val Phe Cys Asn Met Asp Val Asn
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105 Phe Gln Arg Gly Trp Lys Glu Tyr Lys Met Gly Phe Gly Asn Pro Ser
106          340          345          350
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109 Arg Gln Tyr Met Leu Arg Ile Glu Leu Met Asp Trp Glu Gly Asn Arg
110          370          375          380
111 Ala Tyr Ser Gln Tyr Asp Arg Phe His Ile Gly Asn Glu Lys Gln Asn
112          385          390          395          400
113 Tyr Arg Leu Tyr Leu Lys Gly His Thr Gly Thr Ala Gly Lys Gln Ser
114          405          410          415
115 Ser Leu Ile Leu His Gly Ala Asp Phe Ser Thr Lys Asp Ala Asp Asn
116          420          425          430
117 Asp Asn Cys Met Cys Lys Cys Ala Leu Met Leu Thr Gly Trp Trp
118          435          440          445
119 Phe Asp Ala Cys Gly Pro Ser Asn Leu Asn Gly Met Phe Tyr Thr Ala
120          450          455          460
121 Gly Gln Asn His Gly Lys Leu Asn Gly Ile Lys Trp His Tyr Phe Lys
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134 agcaggactg ttcttccac tgcaatctga cagtttactg catgcctgga gagaacacag 180
135 cagtaaaaac caggtttgct actggaaaaa gaggaagag aagactttca ttgacggacc 240
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137 gtgtttgccc tcaagtttgc taagctgctg gtttattact gaagaaagaa tgtggcagat 360
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143 catgaagaaa gaaatggtag agatacagca gaatgcagta cagaaccaga cggctgtgat 720
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145 tgtggaagcc caagtattaa atcagaccac gagacttgaa cttcagctct tggaaacactc 840
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150 tcaaaagcag caacatgata tcatggagac agttaataac ttactgacta tgatgtccac 1140
151 atcaaactca gctaaggacc ccactgttgc taaagaagaa caaatcagct tcagagactg 1200
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168 atcagtaaata aactggaaaa cagaacactt atgttatata atacagatca tcttggaaact 2220
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171 <210> SEQ ID NO: 4

172 <211> LENGTH: 496

173 <212> TYPE: PRT

174 <213> ORGANISM: Homo sapiens

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181 35 40 45
182 Glu Met Asp Asn Cys Arg Ser Ser Ser Ser Pro Tyr Val Ser Asn Ala
183 50 55 60
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187 85 90 95
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189 100 105 110
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193 130 135 140
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201               195               200               205
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203               210               215               220
204   Ser Ile Ile Glu Glu Leu Glu Lys Lys Ile Val Thr Ala Thr Val Asn
205               225               230               235               240
206   Asn Ser Val Leu Gln Lys Gln Gln His Asp Leu Met Glu Thr Val Asn
207               245               250               255
208   Asn Leu Leu Thr Met Met Ser Thr Ser Asn Ser Ala Lys Asp Pro Thr
209               260               265               270
210   Val Ala Lys Glu Glu Gln Ile Ser Phe Arg Asp Cys Ala Glu Val Phe
211               275               280               285
212   Lys Ser Gly His Thr Thr Asn Gly Ile Tyr Thr Leu Thr Phe Pro Asn
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215               305               310               315               320
216   Gly Trp Thr Ile Ile Gln Arg Arg Glu Asp Gly Ser Val Asp Phe Gln
217               325               330               335
218   Arg Thr Trp Lys Glu Tyr Lys Val Gly Phe Gly Asn Pro Ser Gly Glu
219               340               345               350
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221               355               360               365
222   Tyr Val Leu Lys Ile His Leu Lys Asp Trp Glu Gly Asn Glu Ala Tyr
223               370               375               380
224   Ser Leu Tyr Glu His Phe Tyr Leu Ser Ser Glu Glu Leu Asn Tyr Arg
225               385               390               395               400
226   Ile His Leu Lys Gly Leu Thr Gly Thr Ala Gly Lys Ile Ser Ser Ile
227               405               410               415
228   Ser Gln Pro Gly Asn Asp Phe Ser Thr Lys Asp Gly Asp Asn Asp Lys
229               420               425               430
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232   Ala Cys Gly Pro Ser Asn Leu Asn Gly Met Tyr Tyr Pro Gln Arg Gln
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